DOCKET FILE COPY ORIGINAL

Sierra Grande Broadcasting
PO Box 51
Des Moines, New Mexico 88418-0051

October 18, 2002

Federal Communications Commission
445 Twelfth Street, S.W.
Washington, DC 20554

Reference MM 02-166

I hereby request that the FCC dismiss the counterproposal for MB 02-14 (Ketchum, Idaho) by Millcreek Broadcasting L.L.C., et al "Millcreek' in its entirety. First, the justification that Millcreek used to justify Coalville, Utah having preference over Huntsville, Utah for channel 276 would also have to apply to why Salina, Utah has preference over Coalville, Utah for getting the 276C allotment. Second, Millcreek refused to provide an alternate Class C FM allotment, to my proposed Salina, Utah 276C, that would not have tremendously increase my cost of building the transmitter site, when compared to my proposal. Third, Millcreek did not justify why KPEB would get to upgrade from Class C3 to Class C just by moving to Coalville. Fourth, Community Wireless of Park City, Inc., Mr. Flinn, nor their counsel has shown any continued interest in the counterproposal. Fifth, the counterproposal falsely implied that the Salina, Utah 276C and the Coalville, Utah 276C were mutually exclusive of each other.

The counterproposal in comparing Huntsville (Millcreek, March 18, 2002, Huntsville 2000 population 649) to Coalville (http://www.onlineutah.com, 2000 population 1,382) is that Coalville has a larger population as a reason for Coalville having priority for Coalville getting the 276 channel. Since Salina (Millcreek, August 26, 2002 , 2000 population 2,393) has a larger population then Coalville, Salina would have the priority for the 276C allotment.

Under my proposal for Salina, Utah 276C, I was only site restricted from the construction permit of KPEB, 276C3, Huntsville, Utah at the time that my proposal was received at the FCC mail room Under my Salina, Utah 276C proposal I have access to three mountain peaks (Mount Terrill, Signal Peak, and White Pine Peaks) in excess of three-thousand meters above mean sea level. All I would need for the transmitter site is an equipment shelter, a short tower, an antenna, a short piece of coaxial cable, a small transmitter Once I have been connected to the external power, I am on-the-air. The transmitter site would cost about one-half of one-million dollars for a Class C facility.

Under Millcreek's counterproposal, I would be site restricted. I would not have access to any mountains to build a Class C facility transmitter site on. I would have to spend millions of dollars to develop a transmitter site, and I will probably end up with a Class C1 facility. Saying that a Class C could be assigned to an area, and actually being able to put a Class C facility into the area are two different things. Millcreek has failed to prove that a Class C facility is even technically possible in the restricted site that they proposed. Terrain will prevent any use of the other mountain features. Any transmitter site for a Salina 300C would be is the Sevier River Valley, or on the lower portion of the northeast slope of Mount Belknap.

For a Sevier River Valley transmitter site, two radials (45° and 180") would be in the river valley. The other six radials would go up mountains. The Sevier River Valley is about 1,675 m above mean sea level. Signal Peak (90°) and Monroe Peak (135°) are **3,422** m above mean sea level The radials of 225°, 270°, 315° and 0° would go up the Pavant Range. To counter the effects of the mountains by building a very tall tower will have to be built. This tower would be at tremendous expense. I have never heard of a 1,800 m tall tower. On flat ground, a tower that is

sightly in excess of 600 m tall, will provide an HAAT of 600 m. A 600 m HAAT is Class C. In Millcreek's proposal, I could build a 600 m tower, and end up with a Class C1 FM facility,

Five of the radials, for a Mount Belknap transmitter site, used to determine the HAAT will go up the Pavant Range. The 180" radial would go over the east slope of Mount Belknap. The 225' radial will go to near the summit of Mount Belknap. The 270° radial will go over the north slope of Mount Belknap. The 315° radial will yo over a ridge. The 0" radial Will go up near White Pine Peak. The 90" and the 135° radials will go across the Sevier River Valley, and go up the mountain that Signal Peak and Monroe Peak are on. The only radial that will have a positive value will be the 45° radial, that is in the direction of Salina. With seven negative values and one positive value, it will take a very tall tower to achieve the required minimum HAAT of 451 m for a Class C facility. If I build a tower to where the center of radiation is 600 m above ground, I expect to have a Class C facility. With the elevations that I see for the seven negative radials and one positive radial, I see a 600 m above ground center of radiation as a Class C1 facility.

Millcreek refused to pay for the expenses of moving KBKL, 300C, Grand Junction, Colorado to 298C, in order for me to have one of the mountain peaks back.

Counsel for Millcreek has stated that I have shown no continued interest for the Salina, Utah 276C allotment, despite the fact that I have been fighting them for it in MB 02-14. This would also imply that Mr. Flinn has shown no continued interest in moving the construction permit for Huntsville, Utah 276C3 to Coalville. Neither Community Wireless of Park City, Inc., Mr. Flinn, nor their counsel, have made any comments since the March 18, 2002 counterproposal. Due to counsel for Millcreek's comments, I had better be seeing three different responses to every one of my comments.

The counterproposal falsely implied that Salina, Utah 276C and Coalville, Utah 276C were mutually exclusive of each other. Coalville 276C would have had to put their transmitter site to the north-northeasterly of Coalville, but they were not mutually exclusive of each other. Over tlat terrain a Class C station covers a minimum distance of 58 km to a maximum distance of 72 km with a city grade signal from the transmitter site. What I labeled, on my spreadsheet, as arbitrary point is where the 105 km contour from KRSP-FM and KQMB and the 220 km contour from the proposed Rupert, Idaho 275CØ intersect. Counsel for Millcreek keeps talking about population in the coverage area. This point looks like it would be much better point then the point that they had petitioned for in terms of serving the metro Salt Lake City area and the north Interstate Highway 15 corridor. (A sub-maximal Class C1 facility could have put a city grade signal into Coalville from this site.) My proposed Salina, Utah 276C was not a factor to restrict the site My proposal would have become a factor in transmitter site selection as the arc moves toward Evanston, Wyoming I ended the arc before Evanston, Wyoming because of Porcupine Mountain, in Utah, by the southwest corner of Wyoming. (Millcreek would have made no gain with me on Signal Peak.) I do not have a USGS map of Wyoming. By running the numbers along the forty-first parallel (the Utah - Wyoming state line), a Coalville Class C site would have been about 69 km from Coalville, and I would have had *to* put the Salina, Utah 276C on Signal Peak.

Someone did the research to find out the business name and mailing address for the Salina, Utah 276C petition was. They should have looked in the petition for rule making to see that I had stated that I was going to put the transmitter site on Mount Terrill and that the petition contained the coordinate for the peak. Someone should have looked in the opposite direction, of Coalville, from Mount Terrill to see if the required separation could be met. Instead it looks like they just

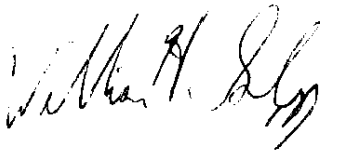
looked at KQMB and KRSP-FM, and said that Salina 276C and Coalville 276C were mutually exclusive. The flow from KQMB and KRSP-FM toward Coalville is to the east-northeast. In order to meet city grade signal and separation requirements, the Coalville 276 allotment would have to be at least a full-facility Class C2 The sliver that a Coalville 276C2 transmitter site would be on the southeast slope of Porcupine Mountain. The Class C2 transmitter site would have been at least 256 km from Mount Terrill Coalville could have had a short-spaced Class C1, at the Class C2 site, before my proposal would have become a factor. The transmitter site listed for the proposed Coalville 276C was **33** km east of Coalville, and 105.2 km from **KQMB** and KRSP-**FM**.

Electrical Engineering was my pre-medicine program. In order to get my Bachelor of Science in Electrical Engineering, I had about thirty semester hours of mathematics. I would think that to check for a possible set of solutions for a problem with four loci and four radii would have been a trivial problem for an engineer. The first locus is, from my petition for rule making, Mount Terrill with a radius of 290 km. This arc would have formed the southern boundary of where the Coalville 276C transmitter site would have been able to be. The second locus is, from the **MB** 02-**14** counterproposal, the proposed transmitter site of the Rupert, Idaho 275CØ with a radius of 220 km. (The site listed for Rupert, Idaho 275CØ is 219.8 km from KQMB.) This arc would have formed the western boundary of the Coalville 276C transmitter site would have been able to be. The third locus is the transmitter site of KQMB and KRSP-FM with a radius of 105 km. This arc would formed the southwest boundary of the area for the Coalville 276C transmitter site would have been able to be. Since the cast was northerly of Coalville, the fourth locus would be the south end of Coalville, with a radius (depending on ERP and HAAT) of 58 to 72 km. The

Coalville 276C would have had to have a transmitter site within this arc. There was a lot of area for Mr. Flinn to have looked for his new transmitter site in. The engineer for Millcreek just looked for a solution to a 2 loci and 2 radii problem, and implied that there were no other solutions, except to move the Salina, Utah 276C proposal to channel 300 Millcreek's proposed Coalville 276C transmitter site would have been 2 **4** km closer to Salt Lake City, covered most of the metro Salt Lake City area with a protected grade signal, but lost most of the communities in the north Interstate Highway15 corridor

Two of the three parties in the counterproposal have shown no continued interest in the counterproposal This was a requirement from counsel for Millcreek Salina, Utah has a larger population than Coalville, Utah According to criteria that counsel for Millcreek has been using, Salina would have preference for 276C Millcreek used a flawed engineering study to justify moving my proposed allotment to another channel, when both Salina, Utah and Coalville, Utah could have used 276C Millcreek proposed an alternative channel for Salina, Utah that, due to terrain, most likely would never be greater than a Class C1 facility. Millcreek refused to furnish me with an alternate channel with a mountain top transmitter site, as I would have had under my proposal. For these reasons, **1** request that the FCC dismiss Millcreek's counterproposal for **MB** 02-14 (Ketchum, Idaho)

To the .best of my ability, the information contained in this document is correct. I will apply for the Salina, Utah 276C allotment with the transmitter site on Mount Terrill.



Willison H. Gormly

Sierra Grande Broadcasting
Coalville, Utah
276C FM Allocation

City of License	State	Call Sign	Channel	Class	Latitude Degrees	Latitude Minutes	Latitude Seconds	Latitude Decimal	Middle latitude Degrees	Middle latitude Radians	Longitude Degrees	Longitude Minutes	Longitude Seconds	Longitude Decimal
Coalville	Utah	Proposed station	276	C	41	19	45	41.329	41.3292	0.7213	111	19	15	111.32
Coalville	Utah	City			40	55	4	40.918	41.1235	0.7177	111	23	55	111.4
Communities														
Brigham City	Utah	City			41	30	36	41.51	41.4196	0.7229	112	0	53	112.01
Odgen	Utah	City			41	13	23	41.223	41.2761	0.7204	111	58	22	111.97
Salt Lake City	Utah	City			40	45	39	40.761	41.045	0.7164	111	53	24	111.89
Evanston	Wyoming	City			41	16	6	41.268	41.2988	0.7208	110	57	45	110.96
Co-channel														
Huntsville	Utah	KPEB	276	C3	41	18	1	41.3	41.3147	0.7211	111	26	30	111.44
Millcreek	Utah	K276DP	276	D	40	48	29	40.808	41.0686	0.7168	111	53	22	111.89
Park City	Utah	K276CE	276	D	40	40	59	40.683	41.0061	0.7157	111	31	22	111.52
Salina	Utah	City			38	57	30	38.958	40.1438	0.7006	111	51	18	111.86
Salina	Utah	MB 02-166	276	C	38	42	44	38.712	40.0207	0.6985	111	38	46	111.65
Salina	Utah	MB 02-166	276	C	38	37	38	38.627	39.9782	0.6978	112	1	2	112.02
Salina	Utah	MB 02-166	276	C	38	51	48	38.863	40.0963	0.6998	112	13	52	112.23
First adjacent channels														
Rupert	Idaho	MB 02-14	275	CØ	42	20	3	42.334	41.8317	0.7301	113	36	12	113.6
Second adjacent channels														
Midvale	Utah	KQMB	274	C	40	39	34	40.659	40.9943	0.7155	112	12	5	112.2
Salt Lake City	Utah	KRSP-FM	278	C	40	39	34	40.659	40.9943	0.7155	112	12	5	112.2
Third adjacent channels														
Imaae channels														
Coalville	Utah	KCUA	223	C3	40	54	58	40.916	41.1226	0.7177	111	23	46	111.4

Sierra Grande Broadcasting
Coalville, Utah
276C FM Allocation

Call Sign	Kilometers per degree latitude	Kilometers per degree longitude	North South distance km	East West distance km	Distance km	Required seperation km	Direction degrees	Remarks
Proposed station	111.0586	83.71749	0	0	0			Arbitrary point
City	111.05457	83.98025	45.68662	6.5318	46.2	< 72	190.71	City grade
City	111.06037	83.60165	20.08342	58.01026	61.4		284.61	City grade
City	111.05756	83.78537	11.78444	54.62341	55.9		260.76	City grade
City	111.05304	84.08021	63.11514	47.85565	79.2		225.04	Protected grade
City	111.058	83.75642	6.75603	30.01272	30.8		99.64	City grade
KPEB	111.05831	83.73598	3.20835	10.1181	10.6		256.55	
K276DP	111.0535	84.05015	57.87121	47.79185	75.1		227.5	
K276CE	111.05228	84.12968	71.75211	16.98952	73.7		197.36	
City	111,03546	85.21677	263.24657	45.51996	267.2		192.7	
MB 02-166	111,03307	85.37032	290.56738	27.76907	291.9	290	187.09	Mount Terrill
MB 02-166	111.03225	85.42326	300.00297	59.48781	305.8	290	194.45	Signal Peak
MB 02-166	111.03454	85.27609	273.79267	77.62493	284.6	290	200.26	White Pine Peak
MB 02-14	111.06844	83.07104	111.62378	189.60965	220	220	293.76	
KQMB	111.05205	84.14469	74.37403	74.09407	105	105	232.74	
KRSP-FM	111.05205	84.14469	74.37403	74.09407	105	105	232.74	
KCUA	111.05456	83.98131	45.871 7	6.32193	46.3	27	190.33	